

# Mohamed Abdel-Rehim

## List of Publications by Year in descending order

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141  
papers

6,787  
citations

66234

42  
h-index

66788

78  
g-index

141  
all docs

141  
docs citations

141  
times ranked

6037  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficacy and safety of selective internal radiotherapy with yttrium-90 resin microspheres compared with sorafenib in locally advanced and inoperable hepatocellular carcinoma (SARAH): an open-label randomised controlled phase 3 trial. <i>Lancet Oncology</i> , The, 2017, 18, 1624-1636.	5.1	595
2	Midterm Local Efficacy and Survival after Radiofrequency Ablation of Lung Tumors with Minimum Follow-up of 1 Year: Prospective Evaluation. <i>Radiology</i> , 2006, 240, 587-596.	3.6	347
3	New trend in sample preparation: on-line microextraction in packed syringe for liquid and gas chromatography applications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 801, 317-321.	1.2	340
4	Recent advances in microextraction by packed sorbent for bioanalysis. <i>Journal of Chromatography A</i> , 2010, 1217, 2569-2580.	1.8	251
5	Visible light photocatalytic degradation of polypropylene microplastics in a continuous water flow system. <i>Journal of Hazardous Materials</i> , 2021, 406, 124299.	6.5	231
6	Microextraction by packed sorbent (MEPS): A tutorial. <i>Analytica Chimica Acta</i> , 2011, 701, 119-128.	2.6	228
7	Nanomaterials as sorbents for sample preparation in bioanalysis: A review. <i>Analytica Chimica Acta</i> , 2017, 958, 1-21.	2.6	211
8	Microextraction by packed sorbent (MEPS). <i>TrAC - Trends in Analytical Chemistry</i> , 2015, 67, 34-44.	5.8	180
9	Free and Acid-Labile Hydrogen Sulfide Concentrations in Mouse Tissues: Anomalously High Free Hydrogen Sulfide in Aortic Tissue. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 373-378.	2.5	165
10	Screening of cocaine and its metabolites in human urine samples by direct analysis in real-time source coupled to time-of-flight mass spectrometry after online preconcentration utilizing microextraction by packed sorbent. <i>Journal of the American Society for Mass Spectrometry</i> , 2009, 20, 891-899.	1.2	154
11	New trends in sample preparation: on-line microextraction in packed syringe (MEPS) for LC and GC applications Part III: Determination and validation of local anaesthetics in human plasma samples using a cation-exchange sorbent, and MEPSâ€“LCâ€“MSâ€“MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2004, 813, 129-135.	1.2	134
12	Determination of dopamine and serotonin in human urine samples utilizing microextraction online with liquid chromatography/electrospray tandem mass spectrometry. <i>Journal of Separation Science</i> , 2007, 30, 421-424.	1.3	130
13	Fast and sensitive environmental analysis utilizing microextraction in packed syringe online with gas chromatographyâ€“mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1114, 234-238.	1.8	125
14	Microextraction in packed syringe (MEPS) for liquid and gas chromatographic applications. Part II?Determination of ropivacaine and its metabolites in human plasma samples using MEPS with liquid chromatography/tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2004, 39, 1488-1493.	0.7	118
15	Effects of a Multimodal Management Strategy for Acute Mesenteric Ischemia on Survival and Intestinal Failure. <i>Clinical Gastroenterology and Hepatology</i> , 2013, 11, 158-165.e2.	2.4	111
16	Sample treatment based on extraction techniques in biological matrices. <i>Bioanalysis</i> , 2011, 3, 2003-2018.	0.6	106
17	Bioanalytical method development and validation: Critical concepts and strategies. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 3-11.	1.2	97
18	Sorbent, device, matrix and application in microextraction by packed sorbent (MEPS): A review. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 33-43.	1.2	90

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19	Study of the factors affecting the performance of microextraction by packed sorbent (MEPS) using liquid scintillation counter and liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2008, 630, 116-123.	2.6	86
20	Development and validation of a liquid chromatography and tandem mass spectrometry method for determination of roscovitine in plasma and urine samples utilizing on-line sample preparation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 817, 303-307.	1.2	82
21	Design and synthesis of novel stiripentol analogues as potential anticonvulsants. <i>European Journal of Medicinal Chemistry</i> , 2012, 47, 360-369.	2.6	74
22	Quantitative analysis of methadone in human urine samples by microextraction in packed syringe gas chromatography-mass spectrometry (MEPS-GCMS). <i>Journal of Separation Science</i> , 2007, 30, 2501-2505.	1.3	73
23	Saliva as an alternative specimen to plasma for drug bioanalysis: A review. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 83, 70-79.	5.8	73
24	Molecularly imprinted polymer in microextraction by packed sorbent for the simultaneous determination of local anesthetics: lidocaine, ropivacaine, mepivacaine and bupivacaine in plasma and urine samples. <i>Biomedical Chromatography</i> , 2013, 27, 1481-1488.	0.8	69
25	Evolution of microwave irradiation and its application in green chemistry and biosciences. <i>Research on Chemical Intermediates</i> , 2012, 38, 283-322.	1.3	65
26	Hepatic Malignancies: Percutaneous Radiofrequency Ablation during Percutaneous Portal or Hepatic Vein Occlusion. <i>Radiology</i> , 2008, 248, 1056-1066.	3.6	63
27	Sulphide quinone reductase contributes to hydrogen sulphide metabolism in murine peripheral tissues but not in the CNS. <i>British Journal of Pharmacology</i> , 2012, 165, 2178-2190.	2.7	63
28	Microextraction in packed syringe/liquid chromatography/electrospray tandem mass spectrometry for quantification of olomoucine in human plasma samples. <i>Analytica Chimica Acta</i> , 2005, 539, 35-39.	2.6	62
29	A mechanism-based pharmacokinetic-enzyme model for cyclophosphamide autoinduction in breast cancer patients. <i>British Journal of Clinical Pharmacology</i> , 1999, 48, 669-677.	1.1	60
30	High-performance liquid chromatography-tandem electrospray mass spectrometry for the determination of lidocaine and its metabolites in human plasma and urine. <i>Biomedical Applications</i> , 2000, 741, 175-188.	1.7	58
31	Microextraction approaches for bioanalytical applications: An overview. <i>Journal of Chromatography A</i> , 2020, 1616, 460790.	1.8	58
32	Determination of four immunosuppressive drugs in whole blood using MEPS and LC-MS/MS allowing automated sample work-up and analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 897, 42-49.	1.2	56
33	Tissue distribution, pharmacokinetics and identification of roscovitine metabolites in rat. <i>European Journal of Pharmaceutical Sciences</i> , 2005, 25, 91-103.	1.9	55
34	Long-term Outcome and Analysis of Dysfunction of Transjugular Intrahepatic Portosystemic Shunt Placement in Chronic Primary Budd-Chiari Syndrome. <i>Radiology</i> , 2017, 283, 280-292.	3.6	54
35	Recent Applications of Molecularly Imprinted Sol-Gel Methodology in Sample Preparation. <i>Molecules</i> , 2019, 24, 2889.	1.7	54
36	Quantification of ropivacaine and its major metabolites in human urine samples utilizing microextraction in a packed syringe automated with liquid chromatography-tandem mass spectrometry (MEPS-LC-MS/MS). <i>Journal of Separation Science</i> , 2006, 29, 1658-1661.	1.3	52

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37	Transcatheter Arterial Chemoembolization for Liver Metastases in Patients with Adrenocortical Carcinoma. <i>Journal of Vascular and Interventional Radiology</i> , 2010, 21, 1527-1532.	0.2	52
38	Determination of remifentanyl in human plasma by liquid chromatography-tandem mass spectrometry utilizing micro extraction in packed syringe (MEPS) as sample preparation. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 815-818.	1.2	52
39	Stability, pKa and plasma protein binding of roscovitine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2005, 821, 75-80.	1.2	49
40	Microextraction by packed sorbent for LC-MS/MS determination of drugs in whole blood samples. <i>Bioanalysis</i> , 2010, 2, 197-205.	0.6	48
41	MEPS as a Rapid Sample Preparation Method to Handle Unstable Compounds in a Complex Matrix: Determination of AZD3409 in Plasma Samples Utilizing MEPS-LC-MS-MS. <i>Journal of Chromatographic Science</i> , 2008, 46, 518-523.	0.7	45
42	A needle extraction utilizing a molecularly imprinted-sol-gel xerogel for on-line microextraction of the lung cancer biomarker bilirubin from plasma and urine samples. <i>Journal of Chromatography A</i> , 2014, 1366, 15-23.	1.8	45
43	On-Line Derivatization Utilizing Solid-Phase Microextraction (SPME) for Determination of Busulphan in Plasma Using Gas Chromatography-Mass Spectrometry (GC-MS). <i>Therapeutic Drug Monitoring</i> , 2003, 25, 400-406.	1.0	43
44	Surface modified polypropylene pipette tips packed with a monolithic plug of adsorbent for high-throughput sample preparation. <i>Journal of Separation Science</i> , 2007, 30, 1964-1972.	1.3	43
45	Development of a molecularly imprinted polymer based solid-phase extraction of local anaesthetics from human plasma. <i>Analytica Chimica Acta</i> , 2004, 526, 147-154.	2.6	42
46	Hepatic steatosis: A major trap in liver imaging. <i>Diagnostic and Interventional Imaging</i> , 2013, 94, 713-727.	1.8	42
47	On-line detection of hippuric acid by microextraction with a molecularly-imprinted polysulfone membrane sorbent and liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1372, 55-62.	1.8	42
48	Solid Phase Microextraction and Related Techniques for Drugs in Biological Samples. <i>Journal of Analytical Methods in Chemistry</i> , 2014, 2014, 1-24.	0.7	40
49	Synthesis and biological evaluation of some new triazolo[1,5-a]quinoline derivatives as anticancer and antimicrobial agents. <i>RSC Advances</i> , 2014, 4, 24131.	1.7	40
50	Screening and determination of drugs in human saliva utilizing microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2013, 27, 1188-1191.	0.8	39
51	Radioembolisation with yttrium-90 microspheres versus sorafenib for treatment of advanced hepatocellular carcinoma (SARAH): study protocol for a randomised controlled trial. <i>Trials</i> , 2014, 15, 474.	0.7	38
52	Microextraction by packed sorbent: an emerging, selective and high-throughput extraction technique in bioanalysis. <i>Biomedical Chromatography</i> , 2014, 28, 839-847.	0.8	38
53	Evaluation of solid-phase microextraction in combination with gas chromatography (SPME-GC) as a tool for quantitative bioanalysis. <i>Journal of Separation Science</i> , 2000, 12, 308-315.	1.0	37
54	Monolithic methacrylate packed 96-tips for high throughput bioanalysis. <i>Journal of Chromatography A</i> , 2010, 1217, 2581-2588.	1.8	37

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55	Hepatic cysts treated with percutaneous ethanol sclerotherapy: time to extend the indications to haemorrhagic cysts and polycystic liver disease. <i>European Radiology</i> , 2014, 24, 1030-1038.	2.3	37
56	Molecularly imprinted polymer-sol-gel tablet toward micro-solid phase extraction: I. Determination of methadone in human plasma utilizing liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2016, 936, 116-122.	2.6	37
57	Molecularly imprinted polymer-sol-gel tablet toward micro-solid phase extraction: II. Determination of amphetamine in human urine samples by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1063, 130-135.	1.2	34
58	Advances and new technologies applied in controlled drug delivery system. <i>Research on Chemical Intermediates</i> , 2015, 41, 2165-2200.	1.3	33
59	Evaluation of monolithic packed 96-tips and liquid chromatography-tandem mass spectrometry for extraction and quantification of pindolol and metoprolol in human plasma samples. <i>Journal of Chromatography A</i> , 2008, 1196-1197, 23-27.	1.8	32
60	Dried saliva spot as a sampling technique for saliva samples. <i>Biomedical Chromatography</i> , 2014, 28, 875-877.	0.8	32
61	Microextraction by packed sorbent. <i>Bioanalysis</i> , 2015, 7, 2155-2161.	0.6	32
62	Modified Appleby procedure for borderline resectable/locally advanced distal pancreatic adenocarcinoma: A major procedure for selected patients. <i>Journal of Visceral Surgery</i> , 2016, 153, 173-181.	0.4	32
63	Determination of amide-type local anaesthetics by direct injection of plasma in a column-switching high-performance liquid chromatographic system using a pre-column with a semipermeable surface. <i>Biomedical Applications</i> , 1994, 654, 221-230.	1.7	28
64	Cone-Beam CT Angiography for Determination of Tumor-Feeding Vessels During Chemoembolization of Liver Tumors: Comparison of Conventional and Dedicated-Software Analysis. <i>Journal of Vascular and Interventional Radiology</i> , 2016, 27, 32-38.	0.2	28
65	Determination of ropivacaine and its metabolites in human plasma using solid phase microextraction and GC-NPD/GC-MS. <i>Journal of Separation Science</i> , 2001, 13, 313-321.	1.0	27
66	Liver-directed therapies in liver metastases from neuroendocrine tumors of the gastrointestinal tract. <i>Targeted Oncology</i> , 2012, 7, 107-116.	1.7	27
67	On-line determination of sarcosine in biological fluids utilizing dummy molecularly imprinted polymers in microextraction by packed sorbent. <i>Journal of Separation Science</i> , 2015, 38, 788-795.	1.3	26
68	Sample preparation techniques for radiometabolite analysis of positron emission tomography radioligands; trends, progress, limitations and future prospects. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 110, 1-7.	5.8	26
69	Polyacrylonitrile / graphene oxide nanofibers for packed sorbent microextraction of drugs and their metabolites from human plasma samples. <i>Talanta</i> , 2019, 201, 474-479.	2.9	25
70	Promising Antidiabetic and Antimicrobial Agents Based on Fused Pyrimidine Derivatives: Molecular Modeling and Biological Evaluation with Histopathological Effect. <i>Molecules</i> , 2021, 26, 2370.	1.7	25
71	Usefulness of Guiding Needles for Radiofrequency Ablative Treatment of Liver Tumors. <i>CardioVascular and Interventional Radiology</i> , 2006, 29, 650-654.	0.9	24
72	Assessment of liver ablation using cone beam computed tomography. <i>World Journal of Gastroenterology</i> , 2015, 21, 517.	1.4	24

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73	Determination of metoprolol enantiomers in human plasma and saliva samples utilizing microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry. <i>Biomedical Chromatography</i> , 2016, 30, 1309-1317.	0.8	23
74	Pharmacological evaluation of benzimidazole derivatives with potential antiviral and antitumor activity. <i>Research on Chemical Intermediates</i> , 2012, 38, 2523-2545.	1.3	22
75	Capillary gas chromatography of amines with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , 1990, 13, 252-256.	2.0	21
76	Utility of nonaqueous capillary electrophoresis for the determination of lidocaine and its metabolites in human plasma: a comparison of ultraviolet and mass spectrometric detection. <i>Rapid Communications in Mass Spectrometry</i> , 2004, 18, 2612-2618.	0.7	21
77	Synthesis of new transition metal complexes of 1H-perimidine derivatives having antimicrobial and anti-inflammatory activities. <i>Research on Chemical Intermediates</i> , 2012, 38, 1527-1550.	1.3	21
78	A new strategy for surface modification of polysulfone membrane by in situ imprinted sol-gel method for the selective separation and screening of Tyrosine as a lung cancer biomarker. <i>Analyst</i> , 2015, 140, 1939-1946.	1.7	21
79	Recent applications of microextraction sample preparation techniques in biological samples analysis. <i>Biomedical Chromatography</i> , 2021, 35, e5105.	0.8	21
80	Pharmacokinetics and distribution of liposomal busulfan in the rat: a new formulation for intravenous administration. <i>Cancer Chemotherapy and Pharmacology</i> , 1998, 42, 471-478.	1.1	20
81	Evaluation of Solid-Phase Microextraction for the Study of Protein Binding in Human Plasma Samples. <i>Journal of Chromatographic Science</i> , 2000, 38, 458-464.	0.7	19
82	Fatty Hepatocellular Carcinoma: Radiofrequency Ablation Imaging Findings. <i>Radiology</i> , 2009, 250, 940-948.	3.6	19
83	Microextraction by packed sorbent in bioanalysis. <i>Bioanalysis</i> , 2009, 1, 687-691.	0.6	19
84	Synthesis, pharmacological activity evaluation and molecular modeling of new polynuclear heterocyclic compounds containing benzimidazole derivatives. <i>Archives of Pharmacal Research</i> , 2012, 35, 2063-2075.	2.7	19
85	Preparation of monolithic molecularly imprinted polymer sol-gel packed tips for high-throughput bioanalysis: Extraction and quantification of l-tyrosine in human plasma and urine samples utilizing liquid chromatography and tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 967, 168-173.	1.2	19
86	Determination of amphetamine and methadone in human urine by microextraction by packed sorbent coupled directly to mass spectrometry: An alternative for rapid clinical and forensic analysis. <i>Journal of Separation Science</i> , 2014, 37, 3306-3313.	1.3	19
87	Plasma levels of lidocaine, o-toluidine, and prilocaine after application of 8.5 g Oraqix® in patients with generalized periodontitis: effect on blood methemoglobin and tolerability. <i>Acta Odontologica Scandinavica</i> , 2003, 61, 230-234.	0.9	18
88	Microextraction by packed sorbent and liquid chromatography-tandem mass spectrometry as a tool for quantification of peptides in plasma samples: determination of sensory neuron-specific receptors agonist BAM22 and antagonist BAM22 in plasma samples. <i>Biomedical Chromatography</i> , 2013, 27, 396-403.	0.8	18
89	Evaluation of microextraction by packed sorbent and micro-liquid chromatography-tandem mass spectrometry as a green approach in bioanalysis. <i>Biomedical Chromatography</i> , 2013, 27, 1225-1233.	0.8	18
90	Three-phase molecularly imprinted sol-gel based hollow fiber liquid-phase microextraction combined with liquid chromatography-tandem mass spectrometry for enrichment and selective determination of a tentative lung cancer biomarker. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 995-996, 38-45.	1.2	18

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91	Synthesis and anticancer activity of some new pyridine derivatives. <i>Research on Chemical Intermediates</i> , 2012, 38, 1291-1310.	1.3	17
92	Graphite-based microextraction by packed sorbent for online extraction of $\beta$ -blockers from human plasma samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 992, 86-90.	1.2	17
93	Determination of ropivacaine and bupivacaine in human plasma by programmed temperature vaporiser-fast gas chromatography-mass spectrometry (PTV/fast GC/MS) utilising in-vial liquid-liquid extraction. <i>Journal of Separation Science</i> , 2002, 25, 252-254.	1.3	16
94	Monolithic packed 96-tips set for high-throughput sample preparation: determination of cyclophosphamide and busulfan in whole blood samples by monolithic packed 96-tips and LC-MS. <i>Biomedical Chromatography</i> , 2013, 27, 714-719.	0.8	16
95	Direct injection of human plasma samples after ultrafiltration into programmed temperature vaporiser-gas chromatography-mass spectrometry with packed liner. <i>Biomedical Applications</i> , 2001, 755, 253-258.	1.7	15
96	Molecularly imprinted polymers for on-line extraction techniques. <i>Bioanalysis</i> , 2015, 7, 2145-2153.	0.6	15
97	Cytotoxic Cembranoids from the Red Sea Soft Coral <i>Sarcophyton glaucum</i> . <i>Natural Product Communications</i> , 2011, 6, 1934578X1100601.	0.2	14
98	Distribution of local anesthetics between aqueous and liposome phases. <i>Journal of Chromatography A</i> , 2017, 1479, 194-203.	1.8	14
99	Reduced graphene oxide as an efficient sorbent in microextraction by packed sorbent: Determination of local anesthetics in human plasma and saliva samples utilizing liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1095, 177-182.	1.2	14
100	Application of graphitic sorbent for online microextraction of drugs in human plasma samples. <i>Journal of Chromatography A</i> , 2015, 1422, 34-42.	1.8	13
101	Separation of lidocaine and its metabolites by capillary electrophoresis using volatile aqueous and nonaqueous electrolyte systems. <i>Electrophoresis</i> , 2001, 22, 2495-2502.	1.3	11
102	Graphene Oxide Tablets for Sample Preparation of Drugs in Biological Fluids: Determination of Omeprazole in Human Saliva for Liquid Chromatography Tandem Mass Spectrometry. <i>Molecules</i> , 2019, 24, 1191.	1.7	11
103	Capillary gas chromatography of chlorophenols with ammonia as carrier gas. <i>Journal of High Resolution Chromatography</i> , 1991, 14, 284-287.	2.0	10
104	Determination of ropivacaine and its metabolites in patient urine: Advantage of liquid chromatography-tandem mass spectrometry over liquid chromatography-UV detection and liquid chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2003, 492, 253-260.	2.6	10
105	Graphene Oxide/Polyethylene Glycol-Stick for Thin Film Microextraction of $\beta$ -Blockers from Human Oral Fluid by Liquid Chromatography-Tandem Mass Spectrometry. <i>Molecules</i> , 2019, 24, 3664.	1.7	10
106	Health-related quality of life in locally advanced hepatocellular carcinoma treated by either radioembolisation or sorafenib (SARAH trial). <i>European Journal of Cancer</i> , 2021, 154, 46-56.	1.3	10
107	Chromatographic behavior of underivatized lidocaine and metabolites in CGC. <i>Journal of Separation Science</i> , 1998, 10, 589-596.	1.0	9
108	Intratumoral Gas in Hepatocellular Carcinoma following Transarterial Chemoembolization: Associated Factors and Clinical Impact. <i>Journal of Vascular and Interventional Radiology</i> , 2013, 24, 1623-1631.	0.2	9

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109	On-Line Determination of Cyclophosphamide in Blood Samples Utilizing Microextraction by Packed Sorbent and Liquid Chromatography Tandem Mass Spectrometry (MEPS-LC-MS/MS). <i>The Open Spectroscopy Journal</i> , 2009, 3, 26-30.	1.0	9
110	Review of interactive carrier gases including ammonia in gas liquid chromatography. <i>Journal of Separation Science</i> , 1999, 11, 63-70.	1.0	8
111	Online post-column solvent assisted and direct solvent-assisted electrospray ionization for chiral analysis of propranolol enantiomers in plasma samples. <i>Journal of Chromatography A</i> , 2015, 1418, 110-118.	1.8	8
112	Determination and Pharmacokinetics of Omeprazole Enantiomers in Human Plasma and Oral Fluid Utilizing Microextraction by Packed Sorbent and Liquid Chromatography-Tandem Mass Spectrometry. <i>International Journal of Analytical Chemistry</i> , 2021, 2021, 1-8.	0.4	8
113	Nanotechnology, Green Synthesis and Biological Activity Application of Zinc Oxide Nanoparticles Incorporated Argemone Mxicana Leaf Extract. <i>Molecules</i> , 2022, 27, 1545.	1.7	8
114	Molecularly imprinted polymers for selective extraction/microextraction of cancer biomarkers: A review. <i>Mikrochimica Acta</i> , 2022, 189, .	2.5	8
115	Integrated extraction approach for trace analysis of aflatoxin B1 in domestic water tanks using HPLC. <i>Separation Science Plus</i> , 2020, 3, 167-174.	0.3	7
116	Mixture of ammonia and helium as a carrier gas for capillary gas chromatography. <i>Journal of Separation Science</i> , 1993, 5, 537-542.	1.0	6
117	Effect of ammonia carrier gas on the response of the flame ionization detector. <i>Journal of High Resolution Chromatography</i> , 1994, 17, 723-726.	2.0	6
118	Characterization of lidocaine and its metabolites in human plasma using capillary electrophoresis. <i>Journal of Separation Science</i> , 1999, 11, 620-626.	1.0	6
119	Iloprost Use in Patients with Persistent Intestinal Ischemia Unsuitable for Revascularization. <i>Annals of Vascular Surgery</i> , 2017, 42, 128-135.	0.4	6
120	Determination of AZD6118 in dog plasma samples utilizing microextraction by packed sorbent and liquid chromatography-electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 20-24.	1.2	6
121	New approach in radiometabolite analysis of positron emission tomography (PET) radioligands; lead-shielded microextraction by packed sorbent as a tool for in vivo radiometabolite analysis of [ <sup>11</sup> C]SMW139 in rat plasma. <i>Talanta</i> , 2020, 208, 120449.	2.9	5
122	Enantiomer separation of underivatized tocinide and related compounds by CGC using ammonia as carrier gas. <i>Journal of Separation Science</i> , 1996, 8, 151-156.	1.0	4
123	Combined Transhepatic Portal Venous and Transarterial Treatment of Superior Mesenteric Arteriovenous Fistula in a Patient with Cirrhosis. <i>Journal of Vascular and Interventional Radiology</i> , 2015, 26, 601-603.	0.2	4
124	Editorial for the special issue entitled "Extraction and Sample Preparation Techniques in Bioanalysis". <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1043, 1-2.	1.2	4
125	Cost-Utility Analysis of Transarterial Radioembolization With Yttrium-90 Resin Microspheres Compared With Sorafenib in Locally Advanced and Inoperable Hepatocellular Carcinoma. <i>Clinical Therapeutics</i> , 2021, 43, 1201-1212.	1.1	4
126	Use of carbon dioxide and ammonia as nebuliser gases in electrospray ionisation mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2002, 16, 738-739.	0.7	3



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127	Extraction and Sample Preparation. International Journal of Analytical Chemistry, 2015, 2015, 1-2.	0.4	3
128	Effect of ammonia on the response of the nitrogen phosphorus detector (NPD). Journal of Separation Science, 1994, 6, 369-372.	1.0	2
129	Effect of ammonia on the response of the electron capture detector (ECD). Journal of High Resolution Chromatography, 1995, 18, 757-759.	2.0	2
130	Chromatographic Behavior of Bupivacaine and Five of its Major Metabolites in Human Plasma, Utilizing Solid-Phase Extraction and Capillary Gas Chromatography. Journal of Chromatographic Science, 2010, 48, 294-298.	0.7	2
131	Lipase Catalysed Kinetic Resolution of Stiripentol. International Journal of Chemistry, 2012, 4, .	0.3	2
132	Clinical studies in hepatocellular carcinoma. Future Oncology, 2014, 10, 13-16.	1.1	2
133	Microextraction by packed sorbent (MEPS) and monolithic packed pipette tips for 96-well plates. , 2020, , 473-491.		2
134	Use of carbon dioxide as collision gas in tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2005, 19, 2099-2102.	0.7	1
135	Nanomaterials for microextraction techniques in bioanalysis. , 2020, , 43-56.		1
136	Functionalized graphene oxide tablets for sample preparation of drugs in biological fluids: Extraction of ritonavir, a HIV protease inhibitor, from human saliva and plasma using LC-MS/MS. Biomedical Chromatography, 2021, 35, e51111.	0.8	1
137	Enantiomer separation of underivatized tocainide and related compounds by CGC using ammonia as carrier gas. , 1996, 8, 151.		1
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